



NODER RCP-1

Time and Attendance Terminal

Technical documentation

TABLE OF CONTENTS

TABLE OF CONTENTS.....	2
1. Protection.....	3
2. Warning.....	3
3. Device description.....	3
4. Noder RCP-1 configuration.....	4
5. EWE4/EE12 controller configuration.....	7
6. Software configuration.....	8

1. Protection

Read this instructions before installing this product. The manufacturer is not responsible for any malfunction or damage to the equipment resulting from failure to follow the instructions. Damage resulting from incorrect installation, maintenance or incorrect operation is not covered by the warranty. Making any modifications to the device that are not authorized by the manufacturer or performing independent repairs results in the loss of rights resulting from the warranty.

2. Warning

Electric device under voltage. Before performing any activities related to the power supply (connecting wires, installing the device, etc.), make sure that **this device is not connected to the power supply**. Installation should be carried out by a person with appropriate electrical qualification.

3. Device description

The RCP-1 reader features a 10" touchscreen and built-in NFC and MIFARE DESFire card reader that corresponds fully to the functionality of the NODER MD-R reader, and is equipped with a clock, date stamp, touch-sensitive buttons to select the type of entry or exit registration and LED signaling. The terminal also has a switchable interface language.

The RCP-1 reader features NFC credential reading along with the ability to replace the standard RFID DESFire card with the NODER Mobile Access application, available from the Google Play store for compatible Android devices. The app allows the user of the control system to be identified additionally by applying a smartphone to the access control reader.

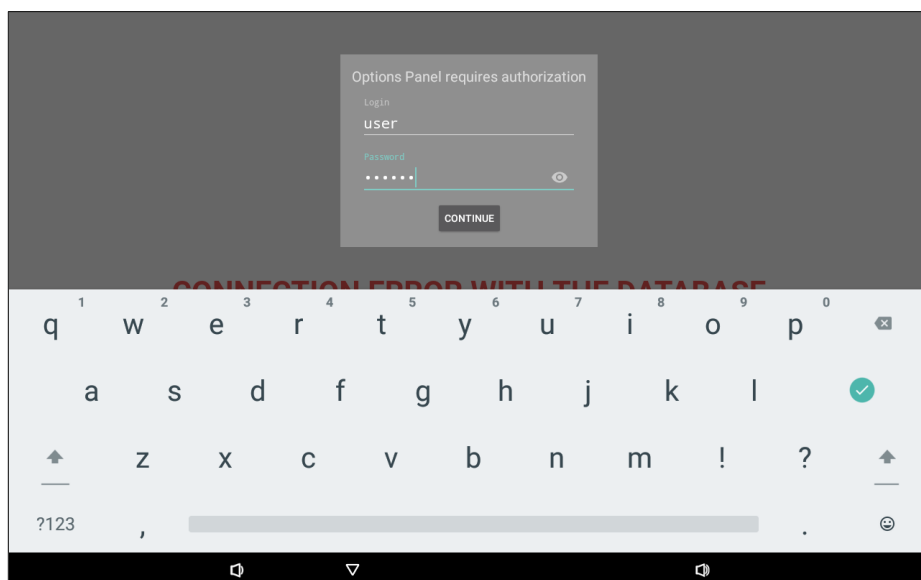
4. Noder RCP-1 configuration

The Noder RCP-1 terminal connects to the EWE4/EE12 controller via TCP/IP. The device can be powered by either PoE or the supplied 12V power supply.

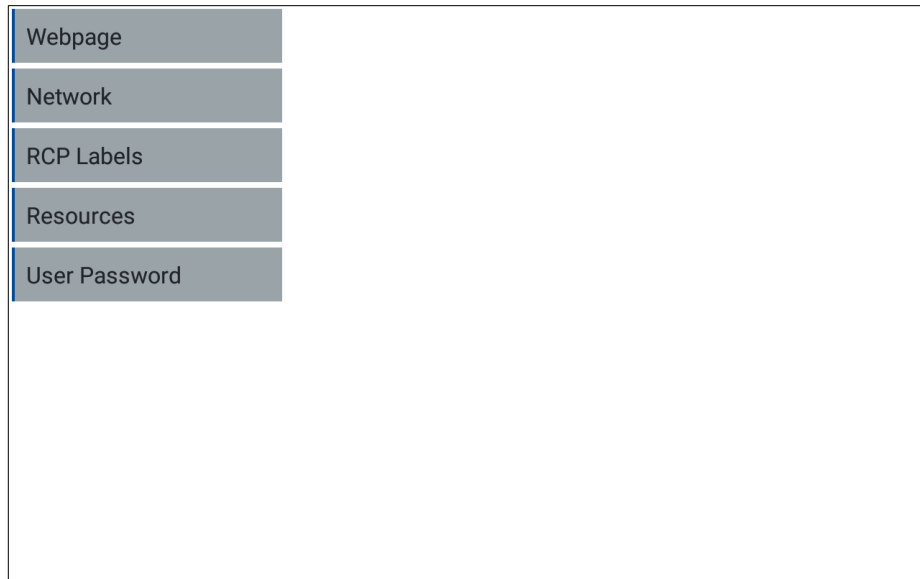
Once the device is up and running, the first thing to do is to change its network settings. To do this, open the menu bar by dragging your finger from the bottom of the screen and click the button  .



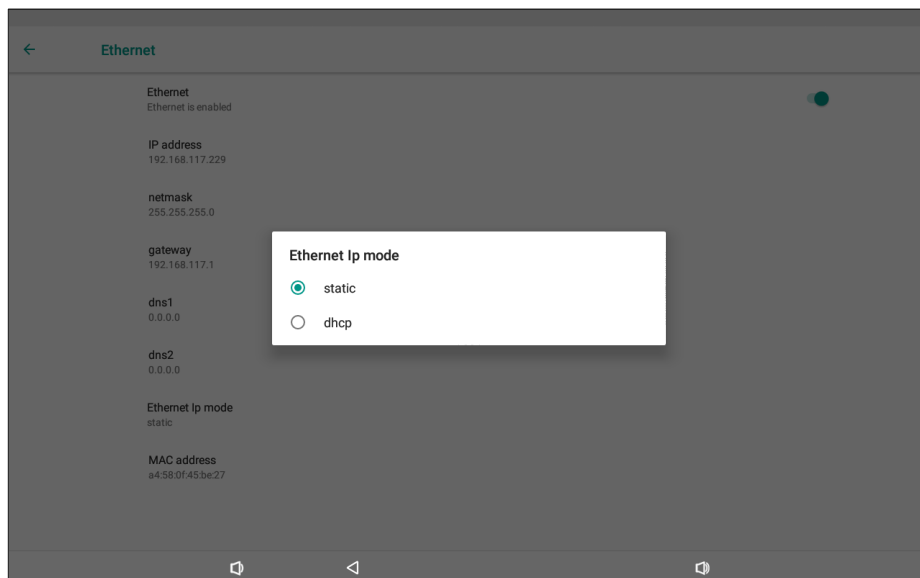
A login window for the device settings will open. Default Login: **user**, Password: **123456**.



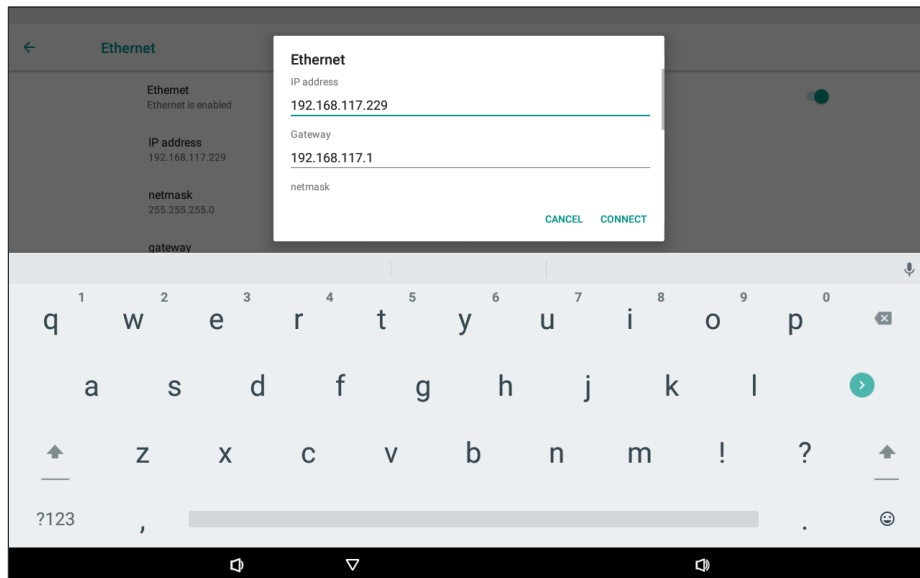
In the first step, you will need to enter the network settings; to do this, go to the **Network** menu.



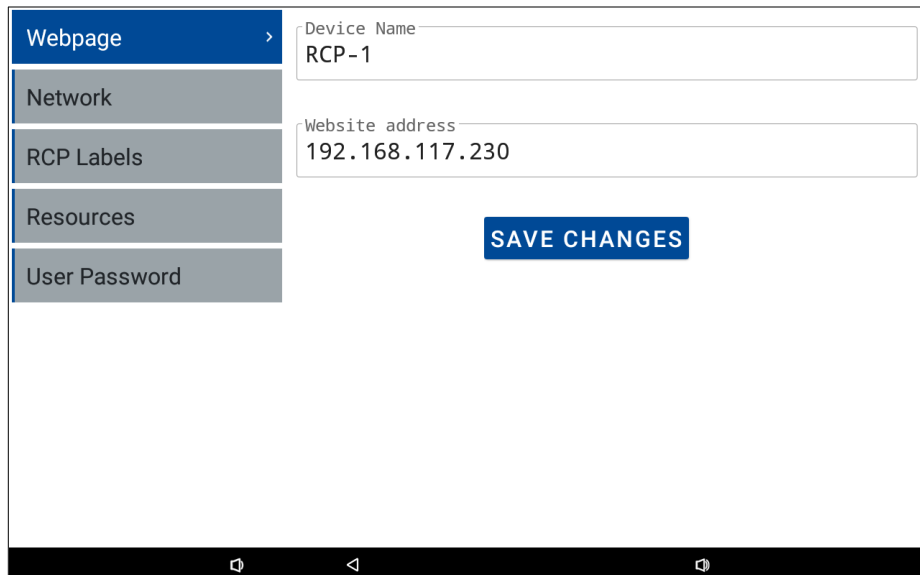
When you enter the network settings, click on the **Ethernet** tab and there select the option - **static**.



After selecting the **static** option, the network settings configuration window opens. The terminal must be set up on the same network as the controller to which it will be connected.

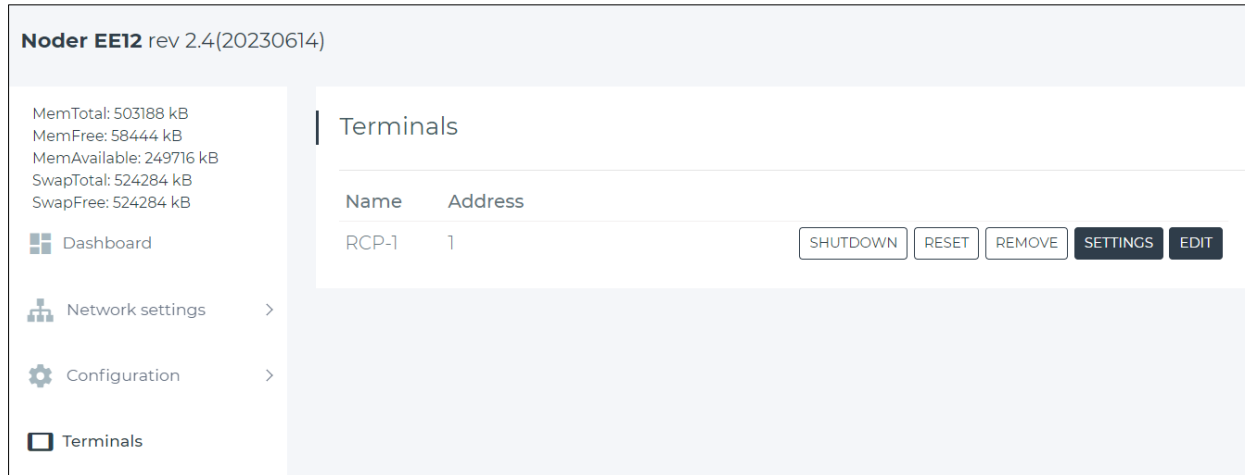


After changing the network settings, click the **Webpage** button. Here you will need to set the name of the device, and enter the IP address of the controller to which it is to be connected. When the **SAVE CHANGES** button is clicked, a **Changes saved** event will be generated on successful connection to the controller. When the connection to the controller has not been properly configured, the terminal will generate the **Device is not responding** event.



5. EWE4/EE12 controller configuration

After logging in to the controller via the browser, go to the **Terminals** tab. An RCP terminal should be added.



After clicking **Edit**, set the device address in the range 1-4 for EWE4 and 1-12 for EE12.

Terminals

Name

Address

RCP-1

1

SAVE

After clicking **Settings**, the default mode, language and operating schedule can be set.

Settings

Default mode

Entry

Default language

PL

Video link

Schedule

Standard time

00:00 - 00:00

Night time

00:00 - 00:00

Video time

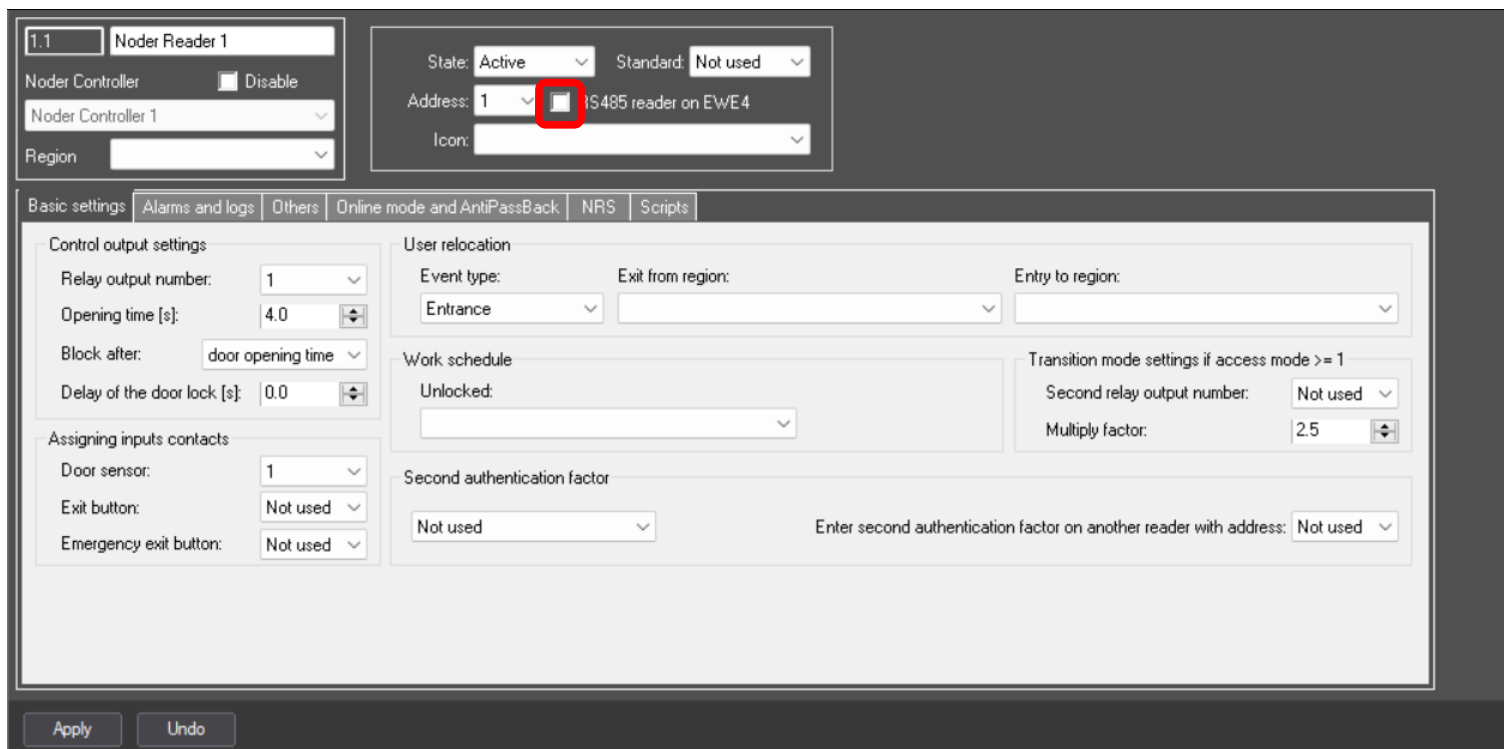
00:00 - 00:00

CANCEL

APPLY

6. Software configuration

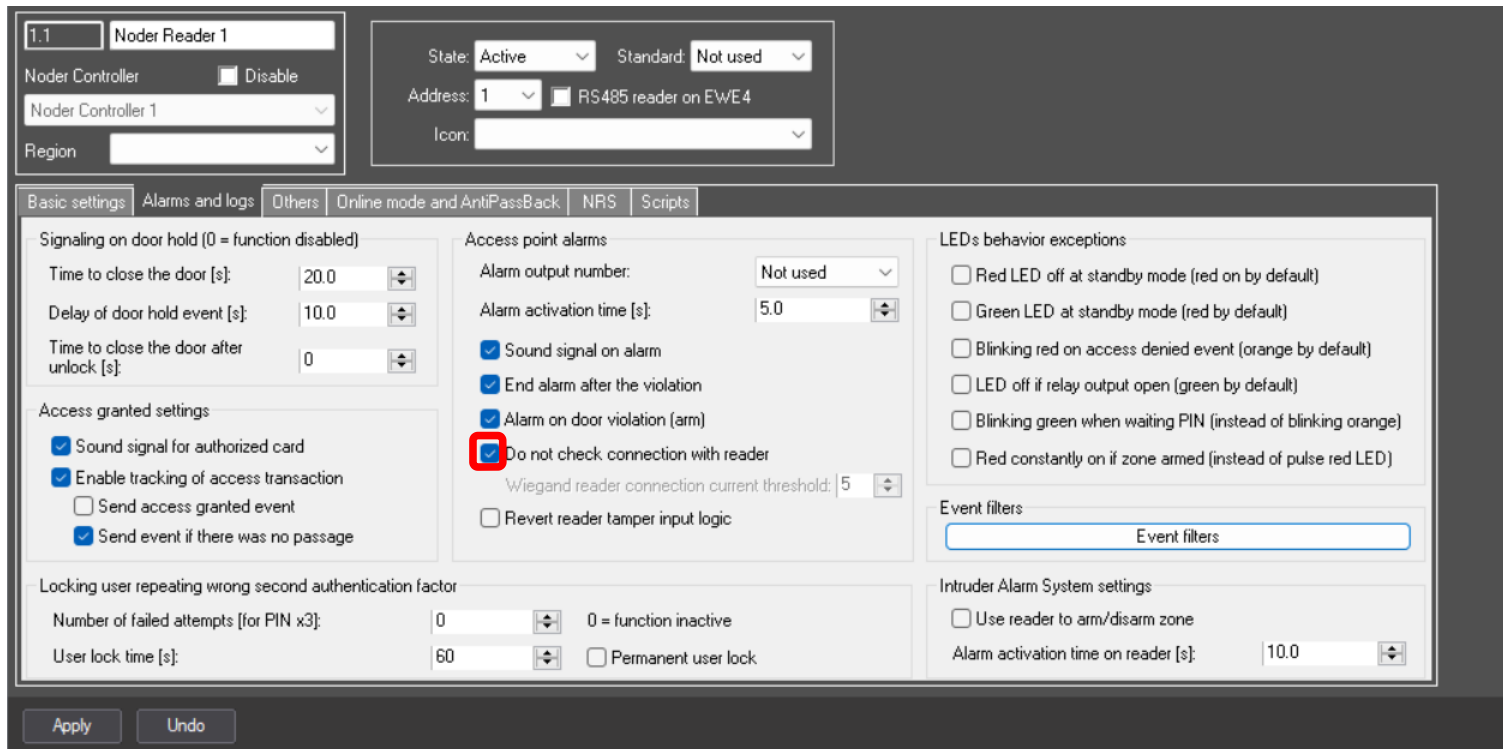
To add a Time and Attendance terminal to the controller configuration, add a reader with an address compatible with the RCP terminal address set in the controller browser. The option '**RS485 reader on EWE4**' must be **unchecked**. If the terminal is to operate the aisle, the controller's inputs and outputs must be set according to the physical connection on site. The user input and output area must be set for relocation operation (User Relocation Settings).



When the configuration is complete, send it to the controller by clicking **Apply**.

If the terminal is to be used for passage access control, all „Access granted settings” options (Sound signal for authorized card, Enable tracking of access transaction, Send access granted event, Send event if there was no passage) must be checked. If the device will only be used for time registration, the „Enable tracking of access transaction” option should be unchecked.

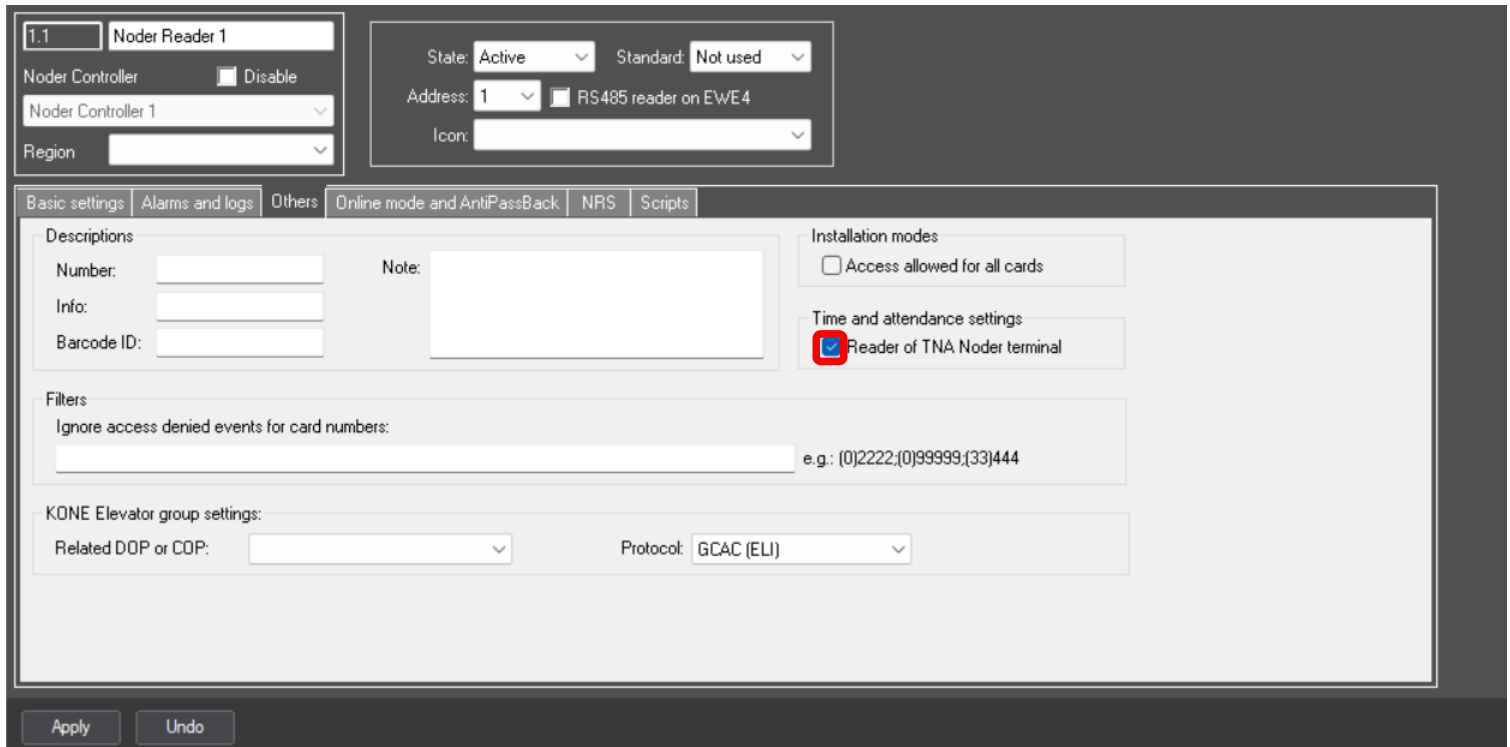
Since the RCP reader is not physically connected to the controller, the "Do not check connection with reader" option should be selected.



The screenshot shows the NODER software interface with the following settings:

- Top Bar:**
 - 1.1 Noder Reader 1
 - Noder Controller: ☐ Disable
 - Noder Controller 1
 - Region: [Dropdown]
 - State: Active | Standard: Not used
 - Address: 1 | ☐ RS485 reader on EWE4
 - Icon: [Dropdown]
- Basic settings** (Selected Tab):
 - Signaling on door hold (0 = function disabled):**
 - Time to close the door [s]: 20.0
 - Delay of door hold event [s]: 10.0
 - Time to close the door after unlock [s]: 0
 - Access granted settings:**
 - ☒ Sound signal for authorized card
 - ☒ Enable tracking of access transaction
 - ☐ Send access granted event
 - ☒ Send event if there was no passage
 - Access point alarms:**
 - Alarm output number: Not used
 - Alarm activation time [s]: 5.0
 - ☒ Sound signal on alarm
 - ☒ End alarm after the violation
 - ☒ Alarm on door violation (arm)
 - ☒ Do not check connection with reader (highlighted with a red box)
 - Wiegand reader connection current threshold: 5
 - ☐ Revert reader tamper input logic
 - LEDs behavior exceptions:**
 - ☐ Red LED off at standby mode (red on by default)
 - ☐ Green LED at standby mode (red by default)
 - ☐ Blinking red on access denied event (orange by default)
 - ☐ LED off if relay output open (green by default)
 - ☐ Blinking green when waiting PIN (instead of blinking orange)
 - ☐ Red constantly on if zone armed (instead of pulse red LED)
 - Event filters:**
 - Event filters
 - Intruder Alarm System settings:**
 - ☐ Use reader to arm/disarm zone
 - Alarm activation time on reader [s]: 10.0
 - Locking user repeating wrong second authentication factor:**
 - Number of failed attempts [for PIN x3]: 0 (0 = function inactive)
 - User lock time [s]: 60
 - ☐ Permanent user lock
- Buttons:** Apply, Undo

For the reader in the RCP terminal to work properly, select the „**Readers of TNA Noder terminal**” option in the ‘**Other**’ tab.



The screenshot shows the NODER ACS configuration interface. At the top, there are fields for '1.1 Noder Reader 1', 'Noder Controller' (with a 'Disable' checkbox), 'Region', 'State: Active', 'Standard: Not used', 'Address: 1', 'RS485 reader on EWE4', and 'Icon'. Below these are tabs: 'Basic settings', 'Alarms and logs', 'Others', 'Online mode and AntiPassBack', 'NRS', and 'Scripts'. The 'Others' tab is selected, showing sections for 'Descriptions' (Number, Info, Barcode ID, Note), 'Filters' (Ignore access denied events for card numbers), and 'KONE Elevator group settings' (Related DOP or COP, Protocol: GCAC (ELI)). On the right, under 'Installation modes', there is a checkbox for 'Access allowed for all cards'. Under 'Time and attendance settings', the checkbox for 'Reader of TNA Noder terminal' is checked and highlighted with a red square. At the bottom, there are 'Apply' and 'Undo' buttons.

Once the configuration is complete, send it to the controller by clicking **Apply**. When the user's card is applied to the bottom right corner of the terminal, it should be read. In addition, an event will be generated in the system about the user, the type of relocation and the card used.

A detailed description of all functions can be found in the „[Start-up configuration manual for NODER ACS](#)” in the **Readers** chapter.